



PATENT APPLICATION
Attorney Docket: 678-628 (P9479)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jun-Sung LEE

Examiner: Dionne Harvey

Serial No.: 09/977,782

Group Art Unit: 2643

Filed: October 15, 2001

For: **APPARATUS FOR FORMING BEAM IN A BASE
STATION OF A MOBILE COMMUNICATION SYSTEM**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL FORM

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity under 37 C.F.R. §§1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

| For | Claims Remaining After Amendment | Highest No. Previously Paid For | Present Extra | Rate (Small Entity) | Addit. Fee | Rate | Addit. Fee |
|--|-------------------------------------|---------------------------------------|------------------|---------------------------|---------------|--------|---------------|
| TOTAL CLAIMS* | 2 | 20 | 0 | x 25 = | \$0 | x 50 = | \$0 |
| INDEPENDENT CLAIMS | 2 | 3 | 0 | x100 = | \$0 | x200 = | \$0 |
| <input type="checkbox"/> First Presentation of Multiple Dep. Claim | | | | 180 | | 360 | \$0 |

* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

** If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".


*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: January 18, 2005


Valerie J. Sepatore

- ☐ Please charge Deposit Account No. 04-1121 in the amount of \$____. Two (2) copies of this sheet are enclosed.
- ☐ A check in the amount of \$__ is enclosed.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §§1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. A DUPLICATE OF THIS SHEET IS ENCLOSED.

Respectfully submitted,



Paul J. Farrell
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Attorney for Applicant(s)

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Gp 2643
PATENT JFW

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RESPONSE

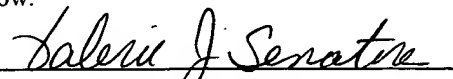
Sir:

In response to the Office Action of the United States Patent and Trademark Office dated October 18, 2004, please consider the following remarks.

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Dated: January 18, 2005


Valerie J. Senatore